

# Engineering Meeting

**September 2022**





# Network Updates

- Last Mile Circuits
  - Completed circuit in Cleveland (1) is live
  - Pilot project for a wireless circuit in Kent with WNEO to provide redundancy to existing fiber is live
  - Last mile telco builds for Cincinnati (2) are complete
- Network infrastructure updates.
  - New Juniper MX204 routing platform are deployed at PoPs for every site
  - Ongoing testing and fiber builds for our 10Gb backbone
- Security auditing and strengthening of the broadcast network



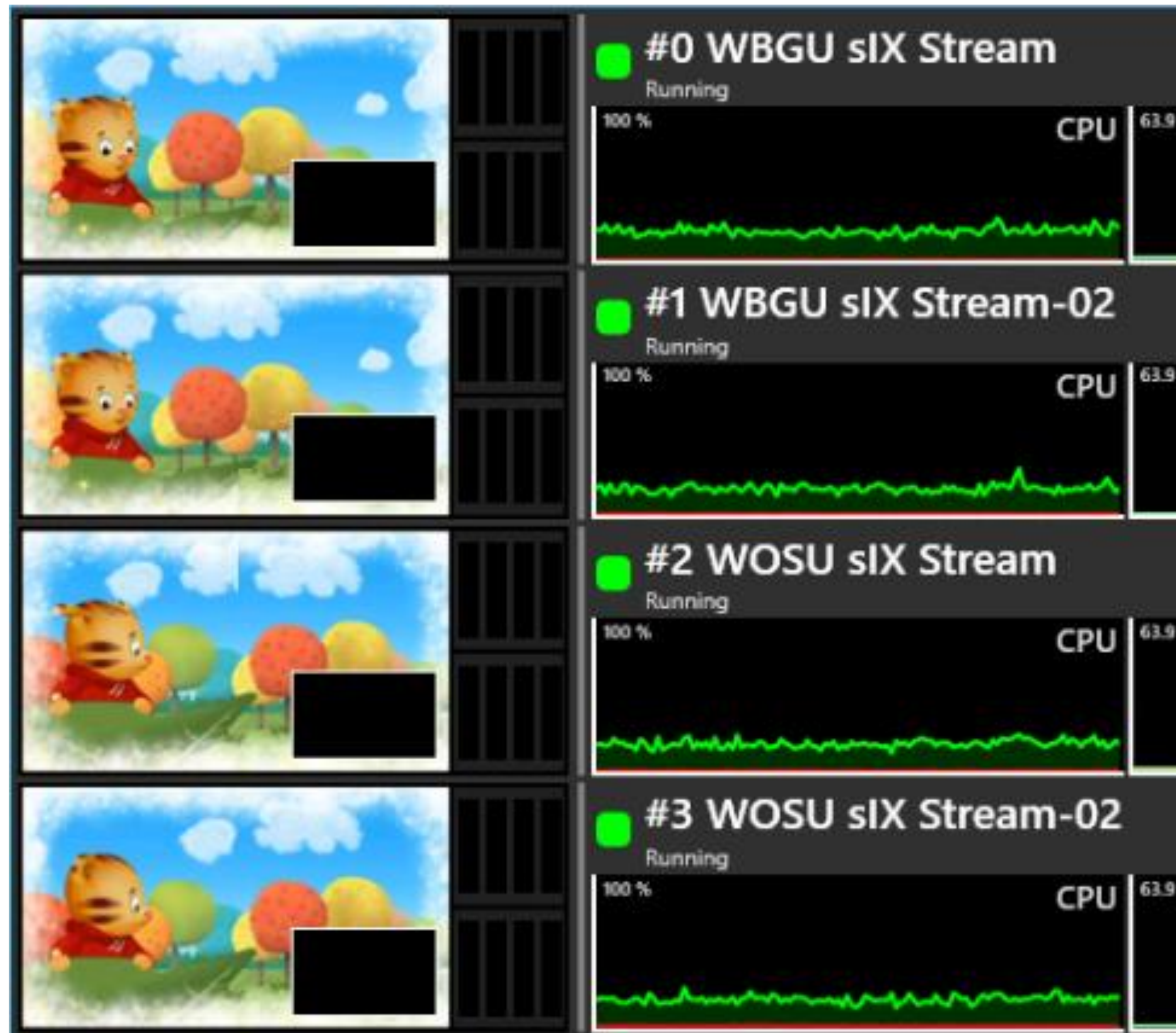


# Backup Operations Center

- Build is nearly complete
- Awaiting computer workstation shipment
- Duplicated and miniaturized version of the main monitor wall
- Capacity to handle all channels
- Always visible weather map to improve awareness



# PBS sIX



- Phase E is completed for us and live to PBS Digital with WBGU and WOSU
- Thanks to WBGU for going through Alpha with us for an all IP solution
- Phase C is nearing completion
- PO is out for the final piece in the coming weeks



## Other Completed Projects

- Hard drive storage was expanded to 3.27 PB
- Upgraded of tape drives from LTO-7 to LTO-8, remainder in October
- Telestream G8 Lightspeed server for Vantage transcoding
- Generator repaint

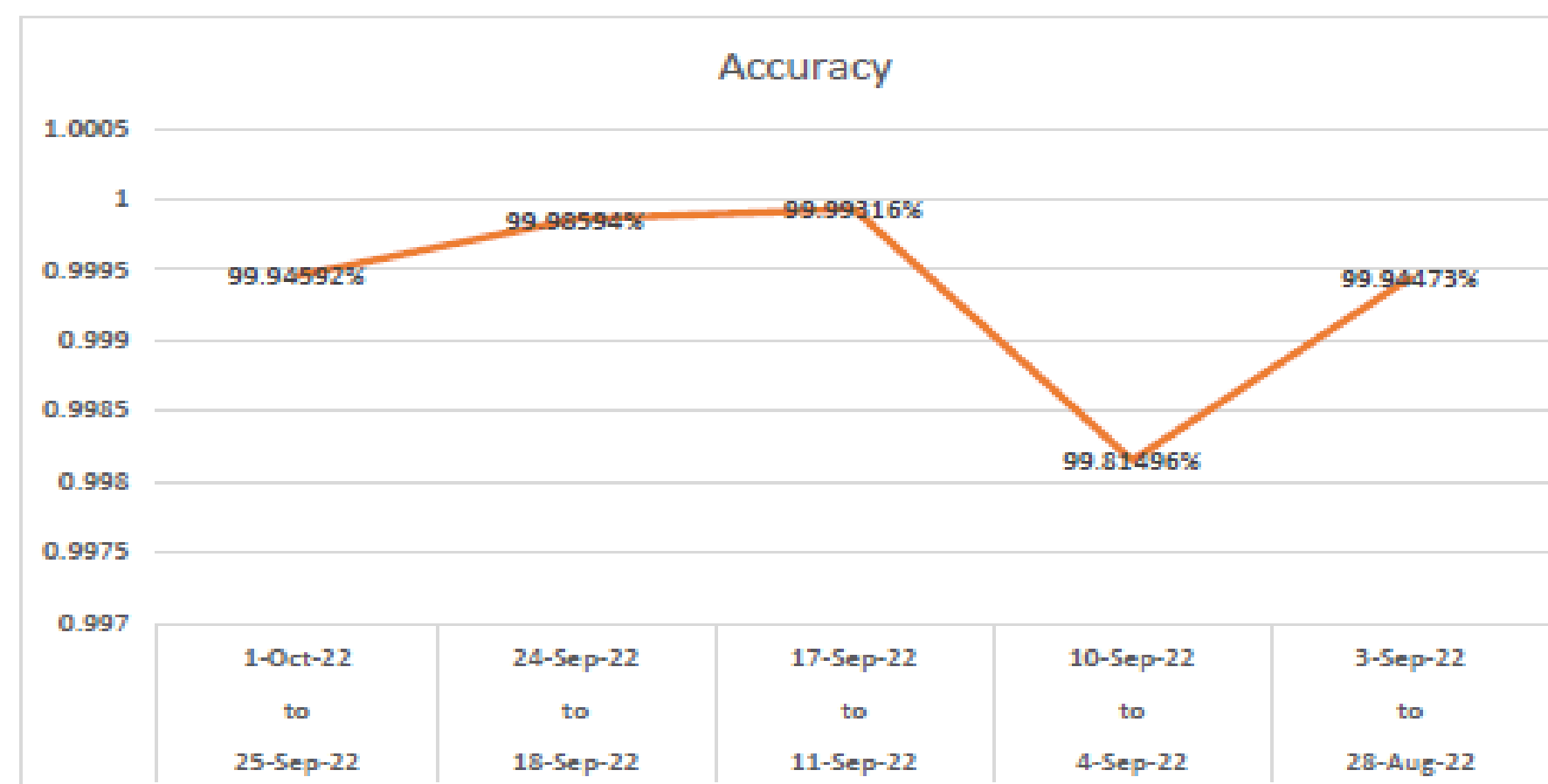
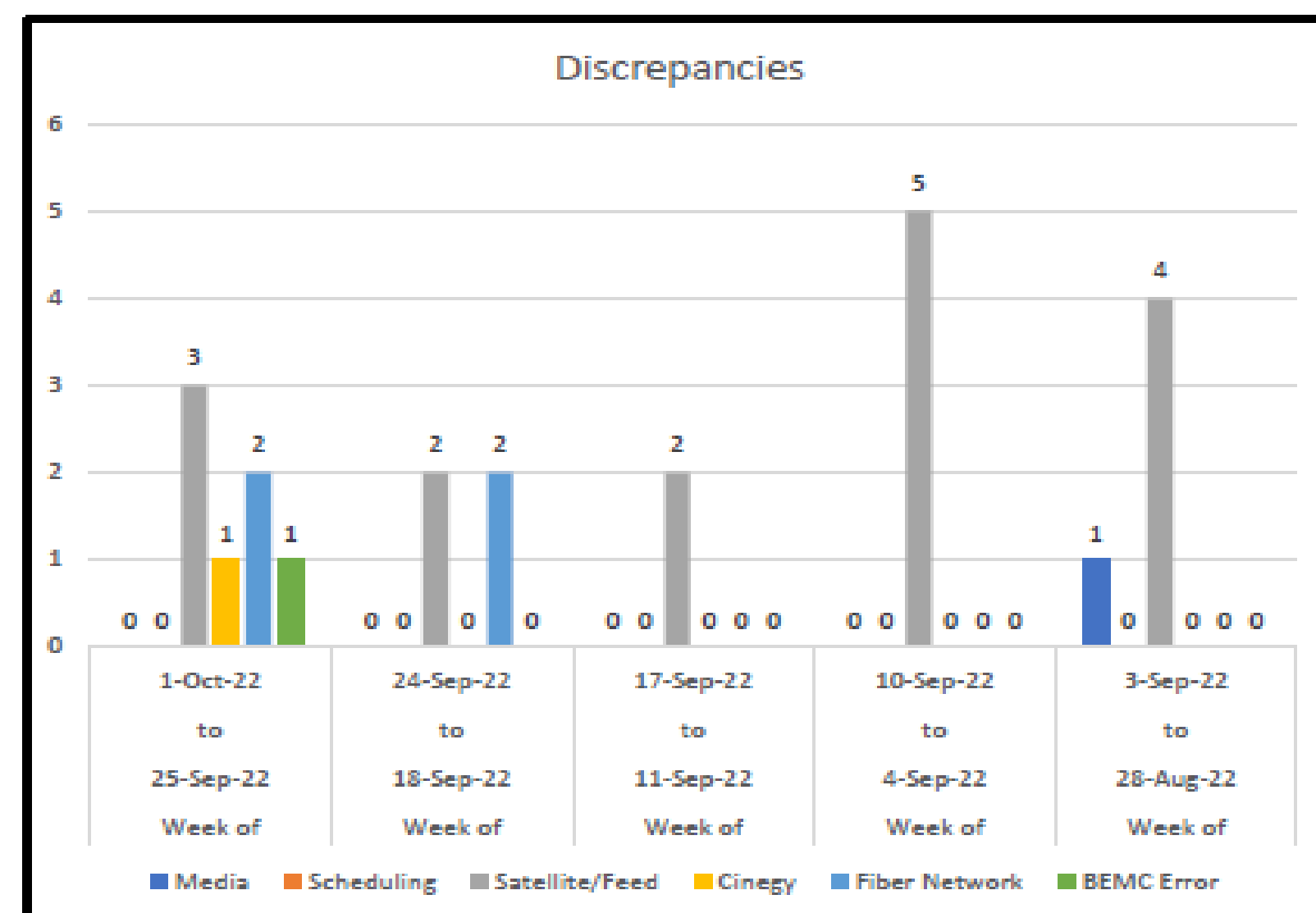




## Discrepancy Types

				# Discrepancy Issues @ BEMC	# Playlist Adjustments @ Stations	Media	Scheduling	Satellite/Feed	Cinegy	Fiber Network	BEMC Error	Total Weekly Tickets
Week of	25-Sep-22	to	1-Oct-22	7	68	0	0	3	1	2	1	75
Week of	18-Sep-22	to	24-Sep-22	4	42	0	0	2	0	2	0	46
Week of	11-Sep-22	to	17-Sep-22	2	66	0	0	2	0	0	0	68
Week of	4-Sep-22	to	10-Sep-22	5	52	0	0	5	0	0	0	57
Week of	28-Aug-22	to	3-Sep-22	5	60	1	0	4	0	0	0	65
Totals:				23.0	288.0	1.0	0.0	16.0	1.0	4.0	1.0	311
Averages:				4.6	57.6	0.2	0.0	3.2	0.2	0.8	0.2	62.2

Discrepancy Minutes	Minutes of Air	Accuracy
113.9	210600	99.94592%
29.6	210600	99.98594%
14.4	210600	99.99316%
389.7	210600	99.81496%
116.4	210600	99.94473%
664.0	1053000.0	99.93694%
132.8	206400.0	99.93694%



Station	Discrepancy	Ticket #
WPTD	Satellite / Feed	27289
Multiple	Cinegy	27237
Multiple	Satellite / Feed	27239
WOSU	Network	27245
WPTD	Satellite / Feed	27290
WOSU	Network	27264
WOSU	BEMC Error	27317

This is a list of the Discrepancy Tickets @ BEMC and which station those occurred within the most recent week of data.

Week of September 25th, 2022	
% of Discrepancies at BEMC	9.33%
% of Playlist Adjustments at Stations	90.67%

